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10/679,762	10/06/2003	William R. Krenik	TI-35503	8564

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EXAMINER

SANTIAGO CORDERO, MARIVELISSE

ART UNIT	PAPER NUMBER
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2617

NOTIFICATION DATE	DELIVERY MODE
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09/19/2007

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/679,762

Applicant(s)

KRENIK.ET AL.

Examiner

Marivelisse Santiago-Cordero

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 June 2007.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 and 46-51 is/are pending in the application.
- 4a) Of the above claim(s) 28-45 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 1-27 and 46-51 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 24 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

1. Applicant's election of Group A (Claims 1-27 and 46-51) in the reply filed on 6/19/07 is acknowledged. Because applicant did not distinctly and specifically point out the supposed errors in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)).

Claims 28-45 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim. Election was made **without** traverse in the reply filed on 6/19/07.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-3, 11-12, 14-16, 20 and 22-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Pathak et al. (hereinafter "Pathak"; Patent No.: US 7,016,317).

Regarding claim 1, Pathak discloses a wireless mobile communication apparatus, comprising:

a wireless communication interface (Figs. 1-2; references 100-104);

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a session manager (Fig. 2, reference 124) coupled to said wireless communication interface and cooperable therewith for participating in wireless communication of a request to establish a wireless communication session with another wireless communication apparatus (from col. 9, line 59 through col. 10, line 4; col. 10, lines 36-43 and from line 63 through col. 11, line 3; col. 12, lines 4-10); and

said session manager including a resource controller (Fig. 2, reference 136) that participates in deciding whether said wireless communication session will be established, said resource controller cooperable with said wireless communication interface, after said request, for participating in wireless communication of information for use in deciding whether said wireless communication session will be established (col. 9, lines 45-53, from line 59 through col. 10, line 5; col. 10, lines 20-43 and 63 through col. 11, line 3; col. 12, lines 4-10).

Regarding claim 2, Pathak discloses wherein said session manager is cooperable with said wireless communication interface for transmitting said request (from col. 9, line 59 through col. 10, lines 4; col. 10, lines 36-43 and from line 63 through col. 11, line 3; col. 12, lines 4-10).

Regarding claim 3, Pathak discloses wherein said resource controller is cooperable with said wireless communication interface for receiving said information (col. 9, lines 45-53, from line 59 through col. 10, line 5; col. 10, lines 20-43 and 63 through col. 11, line 3; col. 12, lines 4-10; note that the resource controller negotiates with the network utilization manager (NUM) and it is informed by the NUM that desired resources are available).

Regarding claim 11, Pathak discloses wherein said resource controller is cooperable with said wireless communication interface for transmitting said information (col. 9, lines 45-53, from

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line 59 through col. 10, line 5; col. 10, lines 20-43 and 63 through col. 11, line 3; col. 12, lines 4-10).

Regarding claim 12, Pathak discloses wherein said information indicates an intention to establish said communication session (from col. 9, line 59 through col. 10, line 5; col. 10, lines 36-43).

Regarding claim 14, Pathak discloses wherein the another wireless communication apparatus is a fixed-site wireless communication apparatus (Fig. 1, reference 24).

Regarding claim 15, Pathak discloses wherein said session manager is cooperable with said wireless communication interface for receiving said request (from col. 9, line 59 through col. 10, lines 4; col. 10, lines 36-43 and from line 63 through col. 11, line 3; col. 12, lines 4-10).

Regarding claim 16, Pathak discloses wherein said resource controller is cooperable with said wireless communication interface for transmitting said information (col. 9, lines 45-53, from line 59 through col. 10, line 5; col. 10, lines 20-43 and 53 through col. 11, line 3; col. 12, lines 4-10).

Regarding claim 20, Pathak discloses wherein said information indicates an intention to establish said communication session (from col. 9, line 59 through col. 10, line 5; col. 10, lines 36-43).

Regarding claim 22, Pathak discloses wherein the another wireless communication apparatus is a fixed-site wireless communication apparatus (Fig. 1, reference 24).

Regarding claim 23, Pathak discloses wherein said resource controller is cooperable with said wireless communication interface for receiving said information (col. 9, lines 45-53, from

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line 59 through col. 10, line 5; col. 10, lines 20-43 and 53 through col. 11, line 3; col. 12, lines 4-10).

4. Claims 1-6, 11-23, 46-47 and 49 are rejected under 35 U.S.C. 102(e) as being anticipated by Rune et al. (hereinafter "Rune"; Patent No.: US 6,901,057).

Regarding claim 1, Rune discloses a wireless mobile communication apparatus (Fig. 7, either one of "first BT unit" or "third BT unit"), comprising:

a wireless communication interface (Fig. 7; col. 15, line 60 through col. 16, line 9);

a session manager coupled to said wireless communication interface and cooperable therewith for participating in wireless communication of a request to establish a wireless communication session with another wireless communication apparatus (Abstract; Fig. 7, note the Inquiry message; col. 15, line 60 through col. 16, line 9); and

said session manager including a resource controller that participates in deciding whether said wireless communication session will be established (Abstract; Fig. 7; col. 7, lines 29-36; col. 9, lines 7-18; col. 11, line 66 through col. 12, line 22), said resource controller cooperable with said wireless communication interface, after said request, for participating in wireless communication of information for use in deciding whether said wireless communication session will be established (Abstract; Fig. 7; col. 7, lines 29-36; col. 9, lines 7-18; col. 11, line 66 through col. 12, line 22; col. 16, lines 9-32; note the Inquiry Response message).

Regarding claim 2, Rune discloses wherein said session manager is cooperable with said wireless communication interface for transmitting said request (Fig. 7, reference 800).

Regarding claim 3, Rune discloses wherein said resource controller is cooperable with said wireless communication interface for receiving said information (Fig. 7, reference 814).

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Regarding claim 4, Rune discloses wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 7, note the “third BT unit”) and said resource controller is cooperable with said wireless communication interface for receiving said information from the another wireless communication apparatus (Fig. 7, reference 812).

Regarding claim 5, Rune discloses wherein said information is indicative of a likelihood of successful execution of said communication session (col. 11, line 66 through col. 12, line 22).

Regarding claim 6, Rune discloses wherein said information includes one of information indicative of a location of the another wireless mobile communication apparatus, information indicative of wireless communication channel conditions at the another wireless mobile communication apparatus, information indicative of wireless communication resource use in a previous wireless communication session involving the another wireless mobile communication apparatus, and information indicative of operational capabilities of the another wireless mobile communication apparatus (col. 11, line 66 through col. 12, line 22; col. 16, lines 9-33).

Regarding claim 11, Rune discloses wherein said resource controller is cooperable with said wireless communication interface for transmitting said information (Fig. 7, reference 830).

Regarding claim 12, Rune discloses wherein information indicates an intention to establish said communication session (Fig. 7, reference 830; col. 16, lines 36-54).

Regarding claim 13, Rune discloses wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 7, note the “third BT unit”).

Regarding claim 14, Rune discloses wherein the another wireless communication apparatus is a fixed-site wireless communication apparatus (col. 1, lines 25-32).

Regarding claim 15, Rune discloses wherein said session manager is cooperable with said wireless communication interface for receiving said request (Fig. 7, reference 804).

Regarding claim 16, Rune discloses wherein said resource controller is cooperable with said wireless communication interface for transmitting said information (Fig. 7, reference 812).

Regarding claim 17, Rune discloses wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 7, note the "first BT unit") and said resource controller is cooperable with said wireless communication interface for transmitting said information to the another wireless communication apparatus (Fig. 7, reference 812).

Regarding claim 18, Rune discloses wherein said information is indicative of a likelihood of successful execution of said communication session (col. 11, line 66 through col. 12, line 22).

Regarding claim 19, Rune discloses wherein said information includes one of information indicative of a location of the wireless mobile communication apparatus, information indicative of wireless communication channel conditions at the wireless mobile communication apparatus, information indicative of wireless communication resource use in a previous wireless communication session involving the wireless mobile communication apparatus, and information indicative of operational capabilities of the wireless mobile communication apparatus (col. 11, line 66 through col. 12, line 22; col. 16, lines 9-33).

Regarding claim 20, Rune discloses wherein information indicates an intention to establish said communication session (Fig. 7; col. 16, lines 36-54).

Regarding claim 21, Rune discloses wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 7).

Regarding claim 22, Rune discloses wherein the another wireless communication apparatus is a fixed-site wireless communication apparatus (col. 1, lines 25-32).

Regarding claim 23, Rune discloses wherein said resource controller is cooperable with said wireless communication interface for receiving said information (Fig. 7, reference 830).

Regarding claim 46, Rune discloses a wireless mobile communication apparatus (Fig. 7, either one of “first BT unit” or “third BT unit”), comprising:

- a wireless communication interface (Fig. 7; col. 15, line 60 through col. 16, line 9);

- a session manager coupled to said wireless communication interface and cooperable therewith for participating in wireless communication of a request to establish, on a first wireless communication channel (col. 1, lines 39-45), a communication session (Abstract; Fig. 7, note the Inquiry message; col. 15, line 60 through col. 16, line 9); and

- said session manager including a resource controller that participates in deciding whether said request will be communicated (Abstract; Fig. 7; col. 7, lines 29-36; col. 9, lines 7-18; col. 11, line 66 through col. 12, line 22), said resource controller cooperable with said wireless communication interface for participating in wireless communication, via a second wireless communication channel (col. 1, lines 39-45), of information for use in deciding whether said request will be communicated (Abstract; Fig. 7; col. 7, lines 29-36; col. 9, lines 7-18; col. 11, line 66 through col. 12, line 22; col. 16, lines 9-32; note the Inquiry Response message).

Regarding claim 47, Rune discloses wherein said information identifies wireless communication resources that are currently being used by another wireless mobile communication apparatus to support a current wireless communication session (col. 11, line 66 through col. 12, line 22).

Regarding claim 49, Rune discloses wherein said information is indicative of wireless communication resource use in a previous wireless communication session involving the another wireless mobile communication session (col. 11, line 66 through col. 12, line 22).

5. Claims 1-6, 11-13, 15-21, 23, 46, and 50-51 are rejected under 35 U.S.C. 102(b) as being anticipated by Naddell et al. (hereinafter "Naddell"; Patent No.: US 6,253,091).

Regarding claim 1, Naddell discloses a wireless mobile communication apparatus (Figs. 1-2, references 18, 20, and/or 22), comprising:

a wireless communication interface (Figs. 1-2; note the that interface is inherently present);

a session manager (Fig. 2, reference 42) coupled to said wireless communication interface and cooperable therewith for participating in wireless communication of a request to establish a wireless communication session with another wireless communication apparatus (Abstract; Fig. 2, references 44 and/or 46; col. 2, lines 17-19 and 63-67); and

said session manager including a resource controller (Fig. 2, reference 42) that participates in deciding whether said wireless communication session will be established (Abstract; Fig. 2, references 48 and/or 50; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24), said resource controller cooperable with said wireless communication interface, after said request, for participating in wireless communication of information for use in deciding whether said wireless communication session will be established (Abstract; Fig. 2; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24).

Regarding claim 2, Naddell discloses wherein said session manager is cooperable with said wireless communication interface for transmitting said request (Abstract; Fig. 2, reference 46; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24).

Regarding claim 3, Naddell discloses wherein said resource controller is cooperable with said wireless communication interface for receiving said information (Abstract; Fig. 2, reference 48; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24).

Regarding claim 4, Naddell discloses wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 2, references 18, 20, and/or 22; col. 1, lines 12-20) and said resource controller is cooperable with said wireless communication interface for receiving said information from the another wireless communication apparatus ().

Regarding claim 5, Naddell discloses wherein said information is indicative of a likelihood of successful execution of said communication session (col. 3, line 48 through col. 4, line 24; col. 5, line 45-64).

Regarding claim 6, Naddell discloses wherein said information includes one of information indicative of a location of the another wireless mobile communication apparatus, information indicative of wireless communication channel conditions at the another wireless mobile communication apparatus, information indicative of wireless communication resource use in a previous wireless communication session involving the another wireless mobile communication apparatus, and information indicative of operational capabilities of the another wireless mobile communication apparatus (col. 3, line 48 through col. 4, line 24; col. 5, line 45-64).

Regarding claim 11, Naddell discloses wherein said resource controller is cooperable with said wireless communication interface for transmitting said information (Fig. 2, reference 50).

Regarding claim 12, Naddell discloses wherein information indicates an intention to establish said communication session (col. 3, line 48 through col. 4, line 24; col. 5, line 45-64).

Regarding claim 13, Naddell discloses wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 2, references 18, 20, and/or 22; col. 1, lines 12-20).

Regarding claim 15, Naddell discloses wherein said session manager is cooperable with said wireless communication interface for receiving said request (Fig. 2, reference 44).

Regarding claim 16, Naddell discloses wherein said resource controller is cooperable with said wireless communication interface for transmitting said information (Fig. 2, reference 50).

Regarding claim 17, Naddell discloses wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 2, references 18, 20, and/or 22; col. 1, lines 12-20) and said resource controller is cooperable with said wireless communication interface for transmitting said information to the another wireless communication apparatus (Fig. 2, references 50; col. 3, line 48 through col. 4, line 24; col. 5, line 45-64).

Regarding claim 18, Naddell discloses wherein said information is indicative of a likelihood of successful execution of said communication session (col. 3, line 48 through col. 4, line 24; col. 5, line 45-64).

Regarding claim 19, Naddell discloses wherein said information includes one of information indicative of a location of the wireless mobile communication apparatus, information indicative of wireless communication channel conditions at the wireless mobile communication apparatus, information indicative of wireless communication resource use in a previous wireless communication session involving the wireless mobile communication apparatus, and information indicative of operational capabilities of the wireless mobile communication apparatus (col. 3, line 48 through col. 4, line 24; col. 5, line 45-64).

Regarding claim 20, Naddell discloses wherein information indicates an intention to establish said communication session (col. 3, line 48 through col. 4, line 24; col. 5, line 45-64).

Regarding claim 21, Naddell discloses wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 2, references 18, 20, and/or 22; col. 1, lines 12-20).

Regarding claim 23, Naddell discloses wherein said resource controller is cooperable with said wireless communication interface for receiving said information (Fig. 2, reference 48; col. 3, line 48 through col. 4, line 24).

Regarding claim 46, Naddell discloses a wireless mobile communication apparatus (Fig. 2, references 18, 20, and/or 22; col. 1, lines 12-20), comprising:

- a wireless communication interface (Figs. 1-2; note the that interface is inherently present);

- a session manager coupled to said wireless communication interface and cooperable therewith for participating in wireless communication of a request to establish, on a first wireless communication channel, a communication session (Abstract; Fig. 7, note the Inquiry message;

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col. 15, line 60 through col. 16, line 9; note that a first wireless communication channel is inherently present, e.g., an uplink channel); and

said session manager including a resource controller that participates in deciding whether said request will be communicated (Abstract; Fig. 2, references 48 and/or 50; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24), said resource controller cooperable with said wireless communication interface for participating in wireless communication, via a second wireless communication channel, of information for use in deciding whether said request will be communicated (Abstract; Fig. 2, references 48 and/or 50; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24; note the second communication channel is inherently present, e.g., a downlink channel).

Regarding claim 50, Naddell discloses wherein said session manager is cooperable with said wireless communication interface for transmitting said request (Abstract; Fig. 2, reference 46; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24), wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 2, references 18, 20, and/or 24; col. 1, lines 12-20), wherein said resource controller is cooperable with said wireless communication interface for receiving said information from the another wireless communication apparatus (Fig. 2, references 48; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24), wherein said information is indicative of a likelihood of successful execution of said communication session (col. 3, line 48 through col. 4, line 24; col. 5, line 45-64), and including an indicator coupled to said resource controller for providing to a user an indication of said likelihood of successful execution of said communication session (col. 4, lines 17-55).

Regarding claim 51, Rune discloses wherein said session manager is cooperable with said communication interface for receiving said request (Abstract; Fig. 2, reference 44; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24), wherein the another wireless communication apparatus is a wireless mobile communication apparatus (Fig. 2, references 18, 20, and/or 24; col. 1, lines 12-20), wherein said resource controller is cooperable with said wireless communication interface for transmitting said information to the another wireless communication apparatus (Fig. 2, references 50; col. 2, lines 15-40; col. 3, line 48 through col. 4, line 24), wherein said information is indicative of a likelihood of successful execution of said communication session (col. 3, line 48 through col. 4, line 24; col. 5, line 45-64), and including an indicator coupled to said resource controller for providing to a user an indication of said likelihood of successful execution of said communication session (col. 4, lines 17-55).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claim 48 is rejected under 35 U.S.C. 103(a) as being unpatentable over Rune in view of Naddell.

Regarding claim 48, Rune discloses the apparatus of claim 47 (see above), but fails to specifically disclose wherein said information identifies a location of the another wireless mobile communication apparatus.

However, in the same field of endeavor, Naddell discloses wherein said information identifies a location of the another wireless mobile communication apparatus (col. 5, line 45 through col. 6, line 23).

Therefore, it would have been obvious to one of ordinary skill in this art at the time of invention by applicant to modify said information of Rune to identify a location of the another wireless mobile communication apparatus as suggested by Naddell for the advantages of restricting participation to only those within a geographic area (Naddell: col. 5, lines 45-64).

8. Claims 7-10 and 24-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rune in view of well known prior art.

Regarding claims 7 and 24, Rune discloses the apparatus of claims 3 and 23, respectively (see above), and a further wireless communication apparatus (Fig. 1; note the plurality of devices), but fails to specifically disclose wherein said information indicates that a further wireless communication apparatus has objected to establishment of said wireless communication session.

However, the Examiner takes Official Notice of the fact that it was notoriously well known in the art at the time of invention by Applicant to indicate that a further wireless communication apparatus has objected to establishment of said wireless communication session for the advantages of avoiding interference or collision between communications and/or devices.

Therefore, it would have been obvious to one of ordinary skill in this art at the time of invention by applicant to modify the information of Rune to indicate that a further wireless communication apparatus has objected to establishment of said wireless communication session

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as notoriously well known in the art for the advantages of avoiding interference or collision between communications and/or devices.

Regarding claims 8 and 25, in the obvious combination, Rune discloses wherein the further wireless communication apparatus is a wireless mobile communication apparatus (col. 1, lines 25-32).

Regarding claims 9 and 26, in the obvious combination, Rune discloses wherein the another wireless communication apparatus is a wireless mobile communication apparatus (col. 1, lines 25-32).

Regarding claims 10 and 27, in the obvious combination, Rune discloses wherein the another wireless communication apparatus is a fixed-site wireless communication apparatus (col. 1, lines 25-32).

Conclusion

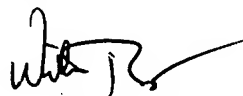
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marivelisse Santiago-Cordero whose telephone number is (571) 272-7839. The examiner can normally be reached on Monday through Friday from 7:30am to 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (571) 272-7872. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MSC 9/7/07

MSC



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